

HP Installer Kit for Linux: Important Red Hat/SUSE Linux installation information

Your HP Workstation was configured without a Linux Operating System (OS) as you requested. Hewlett-Packard has offered this solution to allow you more flexibility in installing the Red Hat Linux OS or SUSE Enterprise Linux OS of your choice.

The HP Installer Kit does not include an OS. To install your Linux OS, you must purchase a Red Hat Linux box set or SUSE Enterprise Linux OS from the following Red Hat or Novell web sites and install according to their instructions:

- <http://www.redhat.com>
- <http://www.novell.com/products/desktop>

 **NOTE:** The OS must be downloaded from the web in order to be used with the Installer or Driver CD in this kit.

Supported operating systems

Hewlett-Packard supports multiple versions of Red Hat® Enterprise Linux on HP Pentium® 4 and Intel Xeon® Workstations. These versions include:

- SUSE Linux Enterprise Desktop 11 (x86-64)
- Red Hat Enterprise Linux WS 4 x86 (32-bit) and AMD64/EM64T (64-bit)
- Red Hat Enterprise Linux 5 Desktop (x86) and (x86_64)
- Red Hat Enterprise Linux WS 6 (x86) and (x86_64)

To provide flexibility in installing the Red Hat OS version of choice or SUSE Enterprise Linux OS, HP has created Installer and Driver CDs. These CDs are included in the HP Linux Installer Kit, and the OS images (the .iso images) for these CDs can be downloaded from the HP support web site at <http://www.hp.com/go/workstationsupport>.




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Hardware Support Matrix

Before installing Red Hat Linux, refer to the Hardware support matrix at the end of this document to verify that the hardware components installed on your workstation are supported by the specific release of Red Hat Linux you want to install. For the most recent matrix, visit http://hp.com/support/linux_hardware_matrix.

 **NOTE:** For the most recent release notes for your hardware platform and Red Hat Linux OS, see the release notes chapter of the Linux Workstation user manual at http://www.hp.com/support/linux_user_manual.

Using your Red Hat Network Entitlement to obtain required CDs

If you do not have the required Red Hat Enterprise Linux WS 4, Red Hat Enterprise Linux 5 Desktop, or Red Hat Enterprise Linux WS 6 install CDs, use your Red Hat Network Entitlement to download the latest “Update” version of install CD .iso images as follows:

 **NOTE:** If you do not have a Red Hat Network Entitlement, you can purchase one at <http://www.rhn.redhat.com>.

1. Visit the Red Hat web site at <http://www.rhn.redhat.com/network/software>.
2. Select the appropriate OS to download for your system:
 - For Red Hat Enterprise Linux WS 4: Under “Red Hat Enterprise Linux 4 (x86 or AMD64/EM64T),” select **downloads** for Red Hat Enterprise Linux WS 4.
 - For Red Hat Enterprise Linux 5: Under “Red Hat Enterprise Linux 5 (x86 or x86_64),” select **downloads** for Red Hat Enterprise Linux Desktop 5.
 - For Red Hat Enterprise Linux WS 6: Under “Red Hat Enterprise Linux 6 (x86 or x86_64),” select **downloads** for Red Hat Enterprise Linux WS 6.
3. Record the downloaded .iso images to CD, then use these CDs to install the Red Hat Linux OS as shown in “Installing Red Hat Enterprise Linux (32-bit and 64-bit) on the HP xw Workstation series” section, in this document.

Locating documentation and warranty information

For the latest online documentation, see the *HP Workstations for Linux* manual at http://www.hp.com/support/workstation_manuals.

To locate warranty information, see <http://www.hp.com/support/warranty-lookuptool>. You can find the expressly provided HP Limited Warranty applicable to your product in the CD/DVD provided in the box. In countries/regions where the warranty is not provided in printed format, you may request a printed copy from www.hp.com/go/orderdocuments or write to:

North America: Hewlett Packard, MS POD, 11311 Chinden Blvd, Boise, ID 83714, USA

Europe, Middle East, Africa: Hewlett-Packard, POD, Via G. Di Vittorio, 9, 20063, Cernusco s/ Naviglio (MI), Italy

Asia Pacific: Hewlett-Packard, POD, P.O. Box 200, Alexandra Post Office, Singapore 911507

Please include your product number, warranty period (found on your serial number label), name and postal address.

Hardware Support Matrix for Current HP Linux Workstations

HP Z200 Workstation Linux Support
First time support begins with RHEL5.4 (x86 & x86_64), RHEL6.0 (x86 & x86_64) and SLED 11 (x86_64)

Product Items/Features (Blank box or unlisted means the component is NOT supported)	RH EL DT 5.4 or later (x86 & x86_64)	RH EL WS 6.0 or later (x86 & x86_64)	SLED11 or later (x86_64)
HP Workstation Base System			
Base system includes: Chassis, System Board, USB, Power Supply, etc.	•	•	•
Localization Kit (See footnote 1)			
HP Localization Kit	•	•	•
Software			
Remote Graphics Software			
All Supported Processors			
All Supported Processors (1 CPU configs)	•	•	•
Hyperthreading	•	•	•
Graphics Card (Video Card) (See footnote 2)			
No Graphics Card	•	•	•
Intel Onboard Graphics	Vesa Driver Only	Intel Driver Only	Intel Driver Only
NVIDIA Quadro NVS 295	•	•	•
NVIDIA Quadro NVS 300	•	•	•
NVIDIA Quadro FX380	•	•	•
NVIDIA Quadro FX580	•	•	•
NVIDIA Quadro Q600	•	•	•
NVIDIA Quadro FX1800	•	•	•
NVIDIA Quadro Q2000	•	•	•
NVIDIA Quadro FX3800	•	•	•
ATI v3700 PCI-E - Single Card Supported	•	•	•
ATI v5700 PCI-E - Single Card Supported	•	•	•
ATI v7750 PCI-E - Single Card Supported	•	•	•
ATI v3800 PCI-E - Single Card Supported	•	•	•
ATI v4800 PCI-E - Single Card Supported	•	•	•
ATI v5800 PCI-E - Single Card Supported	•	•	•
System RAM			
Minimum (GB)	1GB	1GB	1GB
Maximum (GB)	16GB	16GB	16GB
Hard Disks			
All Supported SAS disk drives			
All Supported SSD disk drives	•	•	•
All Supported SATA disk drives	•	•	•
All Supported USB Drive Keys	•	•	•
Network Cards (no modem support)			
Intel Pro 1000 CT Gigabit PCI	•	•	•
Broadcom 5761 PCI-Express	•	•	•
Onboard Components			
Onboard LAN - Intel 82578DM Gigabit Ethernet	•	•	•
Onboard Audio	•	•	•
Onboard SATA Raid	4	4	4
Add Ons			
IEEE 1394A PCI Card			•
SATA Controllers	5	5	5
Creative Sound Blaster X-Fi	•	•	•
Removable CD/DVD Media			
HP 16x DVD-ROM Drive	•	•	•
HP 16x Super Multi DVD+RW	3	3	3
HP BD-RE (writer)	•	•	•
Input/Output Devices (no spaceball support)			
HP 3-Button Mouse, PS/2	•	•	•
HP Scroll Mouse, PS/2	•	•	•
HP Optical Scroll Mouse, USB	•	•	•
HP Standard Keyboard, USB/PS2	•	•	•
TPM module/ Smart Card			
22 in 1 Card Reader	•	•	•
HP Printers	6	6	6
All supported monitors	•	•	•

footnote 1 - Localization supported: (ABA US English, ABC French Canadian, ABD Germany, ABE Spain, ABF France, ABG Australia, ABU UK English, ABJ Japan, AB2 China (PRC), AB4 Singapore/ Malaysia, ABZ Italy, AB5 Hong Kong, ACF Japan-English, ACJ India-English, AB0 Taiwan, AK6 Europe A4, ACO Belgium, ABS Sweden, ABB Int'l English)

footnote 2 - Get the latest drivers, "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 5.4", and "HP Installer Kit for Linux - HP Driver CD for SuSE Linux Enterprise Desktop 11" ISO images from <http://www.hp.com/support/z200> (substitute correct platform name); Select "download drivers and software".

footnote 3 - Linux growisofs supports DVD+RW and Blu-ray media on Red Hat EL 5 Desktop or later and SLED11 or later. For drives that have the Lightscribe functionality, please visit www.lightscribe.com for software to enable the labeling feature.

footnote 4 - Hardware RAID is not supported on SATA drives.

footnote 5 - The Z200 can support up to 3 SATA drives.

footnote 6 - For more info about Linux driver support for HP Printers please visit <http://www.hplip.net>.

footnote 7 - Hyperthreading is supported on all platforms when the processor allows it.

Hardware Support Matrix for Current HP Linux Workstations

HP Z200 SFF Workstation Linux Support
First time support begins with RHEL5.4 (x86 & x86_64), RHEL6.0 (x86 & x86_64) and SLED 11 (x86_64)

Product Items/Features (Blank box or unlisted means the component is NOT supported)	RH EL DT 5.4 or later (x86 & x86_64)	RH EL WS 6.0 or later (x86 & x86_64)	SLED11 or later (x86_64)
HP Workstation Base System			
Base system includes: Chassis, System Board, USB, Power Supply, etc.	•	•	•
Localization Kit (See footnote 1)			
HP Localization Kit	•	•	•
Software			
Remote Graphics Software			
All Supported Processors			
All Supported Processors (1 CPU configs)	•	•	•
Hyperthreading	•	•	•
Graphics Card (Video Card) (See footnote 2)			
No Graphics Card	•	•	•
Intel Onboard Graphics	Vesa Driver Only	Intel Driver Only	Intel Driver Only
NVIDIA Quadro NVS 295	•	•	•
NVIDIA Quadro NVS 300	•	•	•
NVIDIA Quadro FX380 LP (Low Profile)	•	•	•
NVIDIA Quadro Q600	•	•	•
ATI v3800 PCI-E - Single Card Supported	•	•	•
System RAM			
Minimum (GB)	1GB	1GB	1GB
Maximum (GB)	16GB	16GB	16GB
Hard Disks			
All Supported SAS disk drives			
All Supported SSD disk drives	•	•	•
All Supported SATA disk drives	•	•	•
All Supported USB Drive Keys	•	•	•
Network Cards (no modem support)			
Intel Pro 1000 CT Gigabit PCI	•	•	•
Broadcom 5761 PCI-Express	•	•	•
Onboard Components			
Onboard LAN - Intel 82578DM Gigabit Ethernet	•	•	•
Onboard Audio	•	•	•
Onboard SATA RAID	4	4	4
Add Ons			
IEEE 1394A PCI Card			•
SATA Controllers	5	5	5
Creative Sound Blaster X-Fi	•	•	•
Removable CD/DVD Media			
HP 16x DVD-ROM Drive	•	•	•
HP 16x Super Multi DVD+RW	3	3	3
HP BD-RE (writer)	•	•	•
Input/Output Devices (no spaceball support)			
HP 3-Button Mouse, PS/2	•	•	•
HP Scroll Mouse, PS/2	•	•	•
HP Optical Scroll Mouse, USB	•	•	•
HP Standard Keyboard, USB/PS2	•	•	•
TPM module/ Smart Card			
22 in 1 Card Reader	•	•	•
HP Printers	6	6	6
All supported monitors	•	•	•

footnote 1 - Localization supported: (ABA US English, ABC French Canadian, ABD Germany, ABE Spain, ABF France, ABG Australia, ABU UK English, ABJ Japan, AB2 China (PRC) AB4 Singapore/ Malaysia, ABZ Italy, AB5 Hong Kong, ACF Japan-English, ACJ India-English, AB0 Taiwan, AK6 Europe A4, AC0 Belgium, ABS Sweden, ABB Int'l English)
footnote 2 - Get the latest drivers, "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 5.4", and "HP Installer Kit for Linux - HP Driver CD for SuSE Linux Enterprise Desktop 11" ISO images from <http://www.hp.com/support/z200> (substitute correct platform name); Select "download drivers and software".

footnote 3 - Linux growisofs supports DVD+RW and Blu-ray media on Red Hat EL 5 Desktop or later and SLED11 or later. For drives that have the Lightscribe functionality, please visit www.lightscribe.com for software to enable the labeling feature.

footnote 4 - Hardware RAID is not supported on SATA drives.

footnote 5 - The Z200 SFF can support up to 2 SATA drives.

footnote 6 - For more info about Linux driver support for HP Printers please visit <http://www.hplip.net>.

footnote 7 - Hyperthreading is supported on all platforms when the processor allows it.

Hardware Support Matrix for Current HP Linux Workstations				
HP Z400 Workstation Linux Support				
First time support begins with RHEL4.7 (x86 & x86_64), RHEL5.3 (x86 & x86_64), RHEL6.0 (x86 & x86_64) and SLED 11 (x86_64)				
Product Items/Features (Blank box or unlisted means the component is NOT supported)	RH EL WS 4.8 or later (x86 & EM64T)	RH EL DT 5.3 or later (x86 & x86_64)	RH EL WS 6.0 or later (x86 & x86_64)	SLED11 or later (x86_64)
HP Workstation Base System				
Base system includes: Chassis, System Board, USB, Power Supply, etc	•	•	•	•
Localization Kit (See footnote 1)				
HP Localization Kit	•	•	•	•
Software				
Remote Graphics Software				
All Supported Processors				
All Supported Processors (1 CPU configs)	•	•	•	•
Hyperthreading	•	•	•	•
Graphics Card (Video Card) (See footnote 2)				
No Graphics Card	•	•	•	•
NVIDIA Quadro NVS 295	•	•	•	•
NVIDIA Quadro NVS 300	•	•	•	•
NVIDIA Quadro NVS 450	•	•	•	•
NVIDIA Quadro FX380	•	•	•	•
NVIDIA Quadro 400	•	•	•	•
NVIDIA Quadro FX580	•	•	•	•
NVIDIA Quadro 600	•	•	•	•
NVIDIA Quadro FX1800	•	•	•	•
NVIDIA Quadro 2000	•	•	•	•
NVIDIA Quadro FX3800	•	•	•	•
NVIDIA Quadro 4000	•	•	•	•
NVIDIA Quadro FX4800	•	•	•	•
NVIDIA Quadro 5000	•	•	•	•
ATI v2270 PCI-E - Single Card Supported	•	•	•	•
ATI v3700 PCI-E - Single Card Supported	•	•	•	•
ATI v5700 PCI-E - Single Card Supported	•	•	•	•
ATI v7750 PCI-E - Single Card Supported	•	•	•	•
ATI v3800 PCI-E - Single Card Supported	•	•	•	•
ATI v4800 PCI-E - Single Card Supported	•	•	•	•
ATI v5800 PCI-E - Single Card Supported	•	•	•	•
System RAM				
Minimum (GB)	1GB	1GB	1GB	1GB
Maximum (GB)	24GB	24GB	24GB	24GB
Hard Disks				
All Supported SAS disk drives	4	4	4	4
All Supported SSD disk drives	•	•	•	•
All Supported SATA disk drives	4,5	4,5	4,5	4,5
All Supported USB Drive Keys	•	•	•	•
Network Cards (no modem support)				
Broadcom 5761 PCI-Express	•	•	•	•
Intel Pro 1000 CT Gigabit PCI	•	•	•	•
Intel NC360T PCIe Dual Port Gigabit NIC	•	•	•	•
Onboard Components				
Onboard LAN - Broadcom 5764 10/100/100C	•	•	•	•
Onboard Audio	•	•	•	•
Onboard SATA RAID	4	4	4	4
Add Ons				
LSI 3041E SAS Card	4	4	4	4
LSI 8888 ELP	4	4	4	4
LSI 9212-4i	4	4	4	4
LSI 9260-8i	4	4	4	4
IEEE 1394A PCI Card				•
Creative Sound Blaster X-Fi			•	•
Removable CD/DVD Media				
HP 16x DVD-ROM Drive	•	•	•	•
HP 16x Super Multi DVD+RW	3	3	3	3
HP BD-RE (writer)	•	•	•	•
Input/Output Devices (no spaceball support)				
HP 3-Button Mouse, PS/2	•	•	•	•
HP Scroll Mouse, PS/2	•	•	•	•
HP Optical Scroll Mouse, USB	•	•	•	•
HP Standard Keyboard, USB/PS2	•	•	•	•
TPM module/ Smart Card				
22 in 1 Card Reader		•		•
HP Printers	6	6	6	6
All supported monitors	•	•	•	•

footnote 1 - Localization supported: (ABA US English, ABC French Canadian, ABD Germany, ABE Spain, ABF France, ABG Australia, ABU UK English, ABJ Japan, AB2 China (PRC), AB4 Singapore/Malaysia, ABZ Italy, AB5 Hong Kong, ACF Japan-English, ACJ India-English, ABO Taiwan, AK6 Europe A4, AC0 Belgium, ABS Sweden, ABB Int'l English)

footnote 2 - Get the latest drivers, "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 4.7", "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 5.3", and "HP Installer Kit for Linux - HP Driver CD for SuSE Linux Enterprise Desktop 11" ISO images from <http://www.hp.com/support/z400> (substitute correct platform name); Select "download drivers and software".

footnote 3 - Linux growisofs supports DVD+RW and Blu-ray media on Red Hat EL WS 4 or later, Red Hat EL 5 Desktop or later and SLED11 or later. For drives that have the Lightscribe functionality, please visit www.lightscribe.com for software to enable the labeling feature.

footnote 4 - Hardware RAID is supported using the LSI 3041E (RAID 0,1 SAS only), LSI 8888 ELP (RAID 0, 1, 5 SAS only), LSI 9212 (RAID 0,1 SAS only) and the LSI 9260-8i (RAID 0, 1, 5 SAS only). SATA RAID is not supported.

footnote 5 - The Z400 can support up to 4 SATA drives. In order to support the third and fourth SATA drive the customer will need the Optical Bay Conversion Kit for each drive.

footnote 6 - For more info about Linux driver support for HP Printers please visit <http://www.hpip.net>.

footnote 7 - Hyperthreading is supported on platforms when the processor allows it. There are one or two low-end processors which do not support turbo mode or hyperthreading.

Hardware Support Matrix for Current HP Linux Workstations

HP Z600 Workstation Linux Support
 First time support begins with RHEL4.7 (x86 & x86_64), RHEL5.3 (x86 & x86_64), RHEL6.0 (x86 & x86_64) and SLED11 (x86_64)

Product Items/Features (Blank box or unlisted means the component is NOT supported)	RH EL WS 4.8 or later (x86 & EM64T)	RH EL DT 5.3 or later (x86 & x86_64)	RH EL WS 6.0 or later (x86 & x86_64)	SLED11 or later (x86_64)
HP Workstation Base System				
Base system includes: Chassis, System Board, USB, Power Supply, etc.	•	•	•	•
Localization Kit (See footnote 1)				
HP Localization Kit	•	•	•	•
Software				
Remote Graphics Software	•	•	•	•
All Supported Processors				
All Supported Processors (1 & 2 CPU configs)	•	•	•	•
Hyperthreading	•	•	•	•
Graphics Card (Video Card) (See footnote 2)				
No Graphics Card	•	•	•	•
NVIDIA Quadro NVS 295	•	•	•	•
NVIDIA Quadro NVS 300	•	•	•	•
NVIDIA Quadro NVS 450	•	•	•	•
NVIDIA Quadro FX380	•	•	•	•
NVIDIA Quadro 400	•	•	•	•
NVIDIA Quadro FX580	•	•	•	•
NVIDIA Quadro 600	•	•	•	•
NVIDIA Quadro FX1800	•	•	•	•
NVIDIA Quadro 2000	•	•	•	•
NVIDIA Quadro FX3800	•	•	•	•
NVIDIA Quadro 4000	•	•	•	•
NVIDIA Quadro FX4800	•	•	•	•
NVIDIA Quadro 5000	•	•	•	•
NVIDIA Quadro 6000	•	•	•	•
ATI v2270 PCI-E - Single Card Supported	•	•	•	•
ATI v3700 PCI-E - Single Card Supported	•	•	•	•
ATI v5700 PCI-E - Single Card Supported	•	•	•	•
ATI v7750 PCI-E - Single Card Supported	•	•	•	•
ATI v3800 PCI-E - Single Card Supported	•	•	•	•
ATI v4800 PCI-E - Single Card Supported	•	•	•	•
ATI v5800 PCI-E - Single Card Supported	•	•	•	•
System RAM				
Minimum (GB)	1GB	1GB	1GB	1GB
Maximum (GB)	48GB	48GB	48GB	48GB
Hard Disks				
All Supported SAS disk drives	5	5	5	5
All Supported SSD disk drives	•	•	•	•
All Supported SATA disk drives	5	5	5	5
All Supported USB Drive Keys	•	•	•	•
Network Cards (no modem support)				
Broadcom 5761 PCI-Express	•	•	•	•
Intel Pro 1000 CT Gigabit PCI	•	•	•	•
Intel NC360T PCIe Dual Port Gigabit NIC	•	•	•	•
Onboard Components				
Onboard LAN - Broadcom 5764 10/100/1000	•	•	•	•
Onboard Audio	•	•	•	•
Onboard SATA RAID	5	5	5	5
Add Ons				
LSI 3041E SAS Card	5	5	5	5
LSI 8888 ELP	5	5	5	5
LSI 9212-4i	5	5	5	5
LSI 9260-8i	5	5	5	5
IEEE 1394A PCI Card				
Creative Sound Blaster X-Fi		•	•	•
Removable CD/DVD Media				
HP 16x DVD-ROM Drive	•	•	•	•
HP 16x Super Multi DVD+RW	4	4	4	4
HP BD-RE (writer)		•	•	•
Input/Output Devices (no spaceball support)				
HP 3-Button Mouse, PS/2	•	•	•	•
HP Scroll Mouse, PS/2	•	•	•	•
HP Optical Scroll Mouse, USB	•	•	•	•
HP Standard Keyboard, USB/PS2	•	•	•	•
TPM module/ Smart Card				
22 in 1 Card Reader		•	•	•
HP Printers	6	6	6	6
All supported monitors	•	•	•	•

footnote 1 - Localization supported: (ABA US English, ABC French Canadian, ABD Germany, ABE Spain, ABF France, ABG Australia, ABU UK English, ABJ Japan, AB2 China (PRC), AB4 Singapore/ Malaysia, ABZ Italy, AB5 Hong Kong, ACF Japan-English, ACJ India-English)

footnote 2 - Not orderable integrated into systems. Order AMO (After Market Only) kit.

footnote 3 - Get the latest drivers, "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 4.7", "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 5.3", and "HP Installer Kit for Linux - HP Driver CD for SuSE Linux Enterprise Desktop 11" ISO images from <http://www.hp.com/support/z600> (substitute correct platform name); Select "download drivers and software".

footnote 4 - Linux growisofs supports DVD+RW and Blu-ray media on Red Hat EL WS 4 or later, Red Hat EL 5 Desktop or later and SLED11 or later. For drives that have the Lightscribe functionality, please visit www.lightscribe.com for software to enable the labeling feature.

footnote 5 - Hardware RAID is supported using the LSI 3041E (RAID 0,1 SAS only), LSI 8888 ELP (RAID 0, 1, 5 SAS only), LSI 9212 (RAID 0,1 SAS only), and the LSI 9260-8i (RAID 0, 1, 5 SAS only). SATA RAID is not supported.

footnote 6 - For more info about Linux driver support for HP Printers please visit <http://www.hplip.net>.

footnote 7 - Hyperthreading is supported on platforms when the processor allows it. There are one or two low-end processors which do not support turbo mode or hyperthreading.

Hardware Support Matrix for Current HP Linux Workstations				
HP Z800 Workstation Linux Support				
First time support begins with RHEL4.7 (x86 & x86_64), RHEL5.3 (x86 & x86_64), RHEL6.0 (x86 & x86_64) and SLED11 (x86_64)				
Product Items/Features (Blank box or unlisted means the component is NOT supported)	RH EL WS 4.8 or later (x86 & EM64T)	RH EL DT 5.3 or later (x86 & x86_64)	RH EL WS 6.0 or later (x86 & x86_64)	SLED11 or later (x86_64)
HP Workstation Base System				
Base system includes: Chassis, System Board, USB, Power Supply, etc.	•	•	•	•
Localization Kit (See footnote 1)				
HP Localization Kit	•	•	•	•
Software				
Remote Graphics Software				
All Supported Processors				
All Supported Processors (1 & 2 CPU configs)	•	•	•	•
Hyperthreading	•	•	•	•
Graphics Card (Video Card) (See footnote 2)				
No Graphics Card	•	•	•	•
NVIDIA Quadro NVS 295	•	•	•	•
NVIDIA Quadro NVS 300	•	•	•	•
NVIDIA Quadro NVS 450	•	•	•	•
NVIDIA Quadro FX380	•	•	•	•
NVIDIA Quadro 400	•	•	•	•
NVIDIA Quadro FX580	•	•	•	•
NVIDIA Quadro 600	•	•	•	•
NVIDIA Quadro FX1800	•	•	•	•
NVIDIA Quadro 2000	•	•	•	•
NVIDIA Quadro FX3800	•	•	•	•
NVIDIA Quadro 4000	•	•	•	•
NVIDIA Quadro FX4800	•	•	•	•
NVIDIA Quadro 5000	•	•	•	•
NVIDIA Quadro FX5800	•	•	•	•
NVIDIA Quadro 6000	•	•	•	•
Tesla C1060	•	•	•	•
Tesla 3GB C2050	•	•	•	•
ATI v2270 PCI-E - Single Card Supported	•	•	•	•
ATI v3700 PCI-E - Single Card Supported	•	•	•	•
ATI v5700 PCI-E - Single Card Supported	•	•	•	•
ATI v7750 PCI-E - Single Card Supported	•	•	•	•
ATI v3800 PCI-E - Single Card Supported	•	•	•	•
ATI v4800 PCI-E - Single Card Supported	•	•	•	•
ATI v5800 PCI-E - Single Card Supported	•	•	•	•
ATI v8800 PCI-E - Single Card Supported	•	•	•	•
System RAM				
Minimum (GB)	1GB	1GB	1GB	1GB
Maximum (GB)	192GB	192GB	192GB	192GB
Hard Disks				
All Supported SAS disk drives	5	5	5	5
All Supported SSD disk drives	•	•	•	•
All Supported SATA disk drives	5	5	5	5
All Supported USB Drive Keys	•	•	•	•
Network Cards (no modem support)				
Broadcom 5764 PCI-Express	•	•	•	•
Intel Pro 1000 CT Gigabit PCI	•	•	•	•
Intel NC360T PCIe Dual Port Gigabit NIC	•	•	•	•
Intel Pro 1000 GT Gigabit PCI	•	•	•	•
Onboard Components				
Onboard LAN - Broadcom 5764 10/100/1000	•	•	•	•
Onboard Audio	•	•	•	•
Onboard SATA RAID	5	5	5	5
Onboard SAS RAID	5	5	5	5
Add Ons				
IEEE 1394A PCI Card				•
Creative Sound Blaster X-Fi		•	•	•
LSI 8888 ELP	5	5	5	5
LSI 9260-8i	5	5	5	5
Removable CD/DVD Media				
HP 16x DVD-ROM Drive	•	•	•	•
HP 16x Super Multi DVD+RW	4	4	4	4
HP BD-RE (writer)	•	•	•	•
Input/Output Devices (no spaceball support)				
HP 3-Button Mouse, PS/2	•	•	•	•
HP Scroll Mouse, PS/2	•	•	•	•
HP Optical Scroll Mouse, USB	•	•	•	•
HP Standard Keyboard, USB/PS2	•	•	•	•
TPM module/ Smart card				
22 in 1 Card Reader		•	•	•
HP Printers	6	6	6	6
All supported monitors	•	•	•	•

footnote 1 - Localization supported: (ABA US English, ABC French Canadian, ABD Germany, ABE Spain, ABF France, ABG Australia, ABU UK English, ABJ Japan, AB2 China (PRC), AB4 Singapore/ Malaysia, ABZ Italy, AB5 Hong Kong, ACF Japan-English, ACJ India-English)

footnote 2 - Not orderable integrated into systems. Order AMO (After Market Only) kit.

footnote 3 - Get the latest drivers, "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 4.7", "HP Installer Kit for Linux - HP Driver CD for Red Hat Enterprise Linux 5.3", and "HP Installer Kit for Linux - HP Driver CD for SuSE Linux Enterprise Desktop 11" ISO images from <http://www.hp.com/support/z800> (substitute correct platform name); Select "download drivers and software".

footnote 4 - Linux growisofs supports DVD+RW and Blu-ray media on Red Hat EL WS 4 or later, Red Hat EL 5 Desktop or later and SLED11 or later. For drives that have the Lightscribe functionality, please visit www.lightscribe.com for software to enable the labeling feature.

footnote 5 - Hardware RAID is supported using the LSI 8888 ELP (RAID 0,1, 5 SAS only), LSI 8888 ELP (RAID 0, 1, 5 SAS only), LSI 9260-8i (RAID 0, 1, 5 SAS only), and the Onboard SAS RAID (RAID 0,1,). SATA RAID is not supported.

footnote 6 - For more info about Linux driver support for HP Printers please visit <http://www.hpilp.net>.

footnote 7 - Hyperthreading is supported on platforms when the processor allows it. There are one or two low-end processors which do not support turbo mode or hyperthreading.

Tested Products List (TPL) for Linux

Description of Item:	Part Number	Supported Platforms:	RHEL4		RHEL5		Who to contact for Support:	Known Issues:
			32bit	64bit	32bit	64bit		
ATTO Celerity FC-41ES 4G Fibre Channel, 1-Channel PCIe HBA	CTFC-41ES-0R0	xw4600, xw8400, xw9400, xw6600, xw8600	•	•	•	•	(716) 691-1999 x242 http://www.attotech.com/techsupt.html	
ATTO Celerity FC-42ES 4G Fibre Channel, 2-Channel PCIe HBA	CTFC-42ES-0R0	xw4600, xw8400, xw9400, xw6600, xw8600	•	•	•	•	(716) 691-1999 x242 http://www.attotech.com/techsupt.html	
ATTO Celerity FC-44ES 4G Fibre Channel, 4-Channel PCIe HBA	CTFC-44ES-000	xw4600, xw8400, xw9400, xw6600, xw8600	•	•	•	•	(716) 691-1999 x242 http://www.attotech.com/techsupt.html	
HP Infiniband 4X SDR PCI-E Single Port HCA	431038-B21	xw8400, xw9400		•		•	(800) 474-6836 http://www.hp.com/support	
HP Infiniband 4X DDR PCI-E Dual Port HCA	409376-B21	xw8400, xw9400		•		•	(800) 474-6836 http://www.hp.com/support	
HP Infiniband 4X DDR PCI-E Single Port HCA	431039-B21	xw8400, xw9400		•		•	(800) 474-6836 http://www.hp.com/support	
ATI FireGL v5600 PCIe (512MB) Graphics Card	456207-001	xw4600, xw8400, xw6600, xw8600	•	•	•	•	support.ati.com	
ATI FireGL v7700 PCIe (512MB) Graphics Card	482911-001	xw4550, xw4600, xw8400, xw6600, xw8600	•	•	•	•	support.ati.com	

Tested Software List (TSL) for Linux

Description of Item:	Part Number	Supported Platforms:	RHEL4		RHEL5		Who to contact for Support:	Download:
			32bit	64bit	32bit	64bit		
MegaRAID Storage Manager	Software	xw8600	•	•	•	•	(866) 625-3993 http://www.lsi.com/support/storage/phone_tech_support/index.html	http://www.lsi.com/storage_home/products_home/internal RAID/megaraid_sas/megaraid_sas_8888elp/index.html